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Serial No.: 10/036,547  
Filed: December 31, 2001

E30-050CON2 (96-031CON2)

In the Abstract of the Disclosure

B1 5 A network accelerator storage caching system manages a number of cache management systems and may be inserted at any point in a network to provide a configurable, scalable variety of cache management systems to improve perceived response time. Depending on the configuration(s) selected, a [system] cache management system may manage data in a storage cache on the basis of time-currency, page usage frequency, charging considerations, pre-fetching algorithms, data-usage patterns, store-through methods for updated pages, a least recently used method, B-tree algorithms, or indexing techniques including named element ordering, among others. In a preferred embodiment the configurable cache management is embedded in the storage media, either as firmware in a storage controller or as software executing in a central processing unit (CPU) in a storage controller. In a preferred embodiment, the network accelerator storage caching system [is] provides security measures for protecting data and is dynamically configurable.